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DATE: Tuesday, June 22, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	L5 and l3	16
<input type="checkbox"/>	L5	styrene-isoprene-styrene	4374
<input type="checkbox"/>	L4	L3 and tyrene-isoprene-styrene	0
<input type="checkbox"/>	L3	L2 and norethisterone	633
		Estradiol or Methyl\$7gonatriene or Oestradiydroxyestratriene or Dihydroxyestra\$7triene or Aerodiol or Altrad or Aquadiol or Bardiol or Climaderm or Climara or Compudose or Corpagen or Dermestril or Dihydrofollicular hormone or Dihydrofolliculin or Dihydromenformon or <input type="checkbox"/> L2 Dihydrotheelin or Dihydroxyestrin or Dimenformon or Diogyn or Diogynets or Divigel or Encore or Epiestriol or Estra\$6triene or Estra\$7triene or Estrace or Estraderm or Estraderm TTS or Estraderm TTS 100 or Estraderm TTS 50 or Estradot	11791
<input type="checkbox"/>	L1	5176916.pn. or 5725874.pn.	4

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Search Results - Record(s) 1 through 16 of 16 returned.☐ 1. Document ID: US 20040096491 A1**Using default format because multiple data bases are involved.**

L6: Entry 1 of 16

File: PGPB

May 20, 2004

PGPUB-DOCUMENT-NUMBER: 20040096491
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040096491 A1

TITLE: Adhesive patch

PUBLICATION-DATE: May 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tateishi, Tetsuro	Tsukuba-shi		JP	
Terahara, Takaaki	Tsukuba-shi		JP	
Higo, Naruhito	Tsukuba-shi		JP	

US-CL-CURRENT: 424/449

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 2. Document ID: US 20040071764 A1

L6: Entry 2 of 16

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040071764
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040071764 A1

TITLE: Transdermal therapeutic system for administering non-steroidal antiphlogistic agents containing carboxyl groups, and a method for the production of the same

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bracht, Stefan	Ochtendung		DE	

US-CL-CURRENT: 424/449

ABSTRACT:

A transdermal therapeutic system embodied as a matrix or reservoir system is characterized by

a content of at least one basic- or neutral-reacting pharmaceutical active agent

a content of a pressure-sensitive adhesive polymer which possesses as part of its chain acrylic acid or methacrylic acid units,,the content of the carboxyl groups, relative to the-mean polymer mass, being 0.5 to 10.0% (m/m) and the carboxyl groups being present stoichiometrically at 5 to 110%, preferably 10 to 50%, in form of alkali salts or alkaline earth salts.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K000C	Draw De
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☐ 3. Document ID: US 20040039356 A1

L6: Entry 3 of 16

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040039356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040039356 A1

TITLE: Compositions for external preparations

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Maki, Masayoshi	Tashirodaikan-machi, Tosu-shi		JP	
Ikeura, Yasuhiro	Tashirodaikan-machi, Tosu-shi		JP	

US-CL-CURRENT: 604/307

ABSTRACT:

It is intended to provide compositions for external preparations (in particular, adhesive preparations) which are excellent in the skin permeability of the active ingredient, make it possible to give a compact preparation size and exert relieved skin irritation in percutaneous preparations, etc. to be used in, for example, hormone substitution therapy. Namely, compositions for external preparation which contain a vegetable oil and polyvinyl pyrrolidone as a sorbafacient and/or a dissolution aid; and adhesive preparations containing these compositions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K000C	Draw De
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☐ 4. Document ID: US 20020012691 A1

Record List Display

L6: Entry 4 of 16

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012691
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020012691 A1

TITLE: Transdermal Therapeutic system containing estradiol

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meconi, Reinhold	Neuwied		DE	
Seibertz, Frank	Bad Honningen/Ariendorf		DE	
Horstmann, Michael	Neuwied		DE	
Lichtenberger, Rainer	Darmstadt		DE	

US-CL-CURRENT: 424/443

ABSTRACT:

An active-substance-containing transdermal therapeutic system for the controlled release of estradiol or its pharmaceutically acceptable derivatives alone or combined with gestagens consisting of a backing layer, an active-substance-containing reservoir which is bonded thereto and produced by using pressure sensitive adhesives, and a removable protective layer is characterized by the fact that the pressure sensitive adhesive comprises esters of colophony.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6689379 B1

L6: Entry 5 of 16

File: USPT

Feb 10, 2004

US-PAT-NO: 6689379
DOCUMENT-IDENTIFIER: US 6689379 B1

TITLE: Transdermal therapeutic system with neutralized acrylic adhesive patch

DATE-ISSUED: February 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bracht, Stefan	Ochtendung			DE

US-CL-CURRENT: 424/448; 424/443, 424/449

ABSTRACT:

A transdermal therapeutic system embodied as a matrix or reservoir system is characterized by a content of at least one basic- or neutral-reacting

pharmaceutical active agent a content of a pressure-sensitive adhesive polymer which possesses as part of its chain acrylic acid or methacrylic acid units, the content of the carboxyl groups, relative to the mean polymer mass, being 0.5 to 10.0% (w/w) and the carboxyl groups being present stoichiometrically at 5 to 100 %, preferably 10 to 50%, in form of alkali salts or alkaline earth salts.

Water-binding additives may also be present, for reducing the sensitivity to moisture.

33 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 6521250 B2

L6: Entry 6 of 16

File: USPT

Feb 18, 2003

US-PAT-NO: 6521250

DOCUMENT-IDENTIFIER: US 6521250 B2

TITLE: Transdermal therapeutic system containing estradiol

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meconi; Reinhold	Neuwied			DE
Seibertz; Frank	Bad Honningen/Ariendorf			DE
Horstmann; Michael	Neuwied			DE
Lichtenberger; Rainer	Darmstadt			DE

US-CL-CURRENT: 424/443; 424/448, 424/449

ABSTRACT:

An active-substance-containing transdermal therapeutic system for the controlled release of estradiol or its pharmaceutically acceptable derivatives alone or combined with gestagens consisting of a layer, an active-substance-containing reservoir which is bonded thereto and produced by using pressure sensitive adhesives, and a removable protective layer is characterized by the fact that the pressure sensitive adhesive comprises esters of colophony.

24 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6471984 B1

L6: Entry 7 of 16

File: USPT

Oct 29, 2002

US-PAT-NO: 6471984

DOCUMENT-IDENTIFIER: US 6471984 B1

TITLE: Cataplasm and tape-aid containing a plasticizer

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirashima; Nobuchika	Tosu			JP
Oda; Hideshi	Tosu			JP
Miyata; Daisuke	Tosu			JP

US-CL-CURRENT: 424/443; 424/401, 424/447, 424/448, 424/449

ABSTRACT:

A plasticizer consisting of 3-L-menthoxypropane-1,2-diol is excellent in plasticizing effect on a patch base and high in safety, stability and miscibility with the base. A patch containing the plasticizer is excellent in overall feeling such as adhesion and fit feeling to the skin and peeling pain.

9 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 8. Document ID: US 6143319 A

L6: Entry 8 of 16

File: USPT

Nov 7, 2000

US-PAT-NO: 6143319

DOCUMENT-IDENTIFIER: US 6143319 A

TITLE: Transdermal therapeutic system containing estradiol

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meconi; Reinhold	Neuwied			DE
Seibertz; Frank	Bad Honningen/Ariendorf			DE
Horstmann; Michael	Neuwied			DE
Lichtenberger; Rainer	Darmstadt			DE

US-CL-CURRENT: 424/448; 424/449

ABSTRACT:

An active-substance-containing transdermal therapeutic system for the controlled release of estradiol or its pharmaceutically acceptable derivatives alone or combined with gestagens consisting of a backing layer, an active-substance-containing reservoir which is bonded thereto and produced by using pressure sensitive adhesives, and a removable protective layer is characterized by the fact that the pressure sensitive adhesive comprises esters of colophony.

24 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	MMC	Draw De
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☐ 9. Document ID: US 6074665 A

L6: Entry 9 of 16

File: USPT

Jun 13, 2000

US-PAT-NO: 6074665

DOCUMENT-IDENTIFIER: US 6074665 A

TITLE: Transdermal therapeutic system for administering active agents to the human body via the skin

DATE-ISSUED: June 13, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horstmann; Michael	Neuwied			DE
Leonhard; Johannes	Bendorf			DE
Muller; Walter	Neuwied			DE

US-CL-CURRENT: 424/449; 424/448

ABSTRACT:

A transdermal therapeutic system having a layered structure, comprising a backing layer (1) and at least one active substance-containing matrix layer (2), for storage purposes being placed onto a removable protective layer (4) coated with an adherent (3) is characterized in that said adherent (3) has a lower diffusion coefficient for the active substance used than the base materials used in the matrix layer (2) or in the matrix layers.

8 Claims, 1 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	MMC	Draw De
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☐ 10. Document ID: US 5891920 A

L6: Entry 10 of 16

File: USPT

Apr 6, 1999

US-PAT-NO: 5891920
DOCUMENT-IDENTIFIER: US 5891920 A

TITLE: Medicinal adjuvants consisting of N-substituted-o-toluidine derivatives,
and percutaneously absorbable preparations comprising the adjuvants

DATE-ISSUED: April 6, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirano; Munehiko	Tsukuba			JP
Kuribayashi; Mitsuru	Tsukuba			JP
Kido; Mitsuhiro	Tsukuba			JP

US-CL-CURRENT: 514/629; 514/625

ABSTRACT:

A drug solubilizer or drug-absorption accelerator of Formula I is disclosed wherein
R.sub.1 and R.sub.2 are herein defined ##STR1##

10 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 11. Document ID: US 5820878 A

L6: Entry 11 of 16

File: USPT

Oct 13, 1998

US-PAT-NO: 5820878
DOCUMENT-IDENTIFIER: US 5820878 A

TITLE: Percutaneously absorbable patch

DATE-ISSUED: October 13, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirano; Munehiko	Tsukuba			JP
Shinmura; Miyuki	Tsukuba			JP
Kojima; Masaki	Tsukuba			JP

US-CL-CURRENT: 424/449; 424/448

ABSTRACT:

A percutaneously absorbable preparation-containing patch, wherein the preparation
comprises: (1) a base comprising as essential ingredients a (A-B) n-A based
elastomer wherein A is substantially a monovinyl-substituted aromatic compound

polymer block, B is substantially a conjugated diolefin copolymer block, and n is an integer of 3-7, crotamiton, and a softening agent; and (2) at least two hormones, especially estrogen and luteal hormones, as active ingredients.

7 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw De
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☐ 12. Document ID: US 5770220 A

L6: Entry 12 of 16

File: USPT

Jun 23, 1998

US-PAT-NO: 5770220
DOCUMENT-IDENTIFIER: US 5770220 A

TITLE: Active substance-containing patch

DATE-ISSUED: June 23, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meconi; Reinhold	Neuwied			DE
Seibertz; Frank	Bad Honningen/Ariendorf			DE

US-CL-CURRENT: 424/448; 424/449

ABSTRACT:

An active substance-containing patch for the controlled release of active substances, comprising a backing layer, an adjoining active substance-containing reservoir layer softening at body temperature, a membrane controlling the active substance release, a pressure-sensitive adhesive device permitting fixation of the patch to the skin, and a removable protective layer, is characterized by the fact that the reservoir layer which softens at body temperature is spaced away from the controlling membrane by means of a device made of a material impermeable to the active substance which extends all over the mutually facing surfaces of the reservoir and the membrane and which has at least one passage for the reservoir layer which softens at body temperature.

11 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw De
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☐ 13. Document ID: US 5725874 A

L6: Entry 13 of 16

File: USPT

Mar 10, 1998

US-PAT-NO: 5725874
DOCUMENT-IDENTIFIER: US 5725874 A

TITLE: Solubilizer and external preparations containing the same

DATE-ISSUED: March 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oda; Hideshi	Tosu			JP
Tateishi; Tetsuro	Tosu			JP
Nakagawa; Akira	Tosu			JP
Hirano; Munehiko	Tosu			JP
Shoho; Koki	Tosu			JP

US-CL-CURRENT: 424/443, 424/401, 424/447, 424/448, 424/449, 424/45, 514/937,
514/944, 514/945, 514/969

ABSTRACT:

Percutaneously absorbable preparations which comprise, by weight, 0.001 to 20%, preferably 0.1 to 20%, of 3-1-menthoxy-propane-1,2-diol as a solubilizer for a drug and 0.001 to 20%, preferably 0.5 to 10%, of the drug as two essential ingredients, the balance being other ingredients as adjuvants selected from water-soluble polymers, monohydric alcohols, polyhydric alcohols, rosin esters, water, fatty acid esters, hydrocarbons, softening agents, emulsifying agents. The preparations are in the forms of poultice, plasters, ointments, gels, creams, gel-like creams, lotions, reserver patches, liniments, aerosols and may be used in packs.

27 Claims, 1 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 14. Document ID: US 5176916 A

L6: Entry 14 of 16

File: USPT

Jan 5, 1993

US-PAT-NO: 5176916
DOCUMENT-IDENTIFIER: US 5176916 A
**** See image for Certificate of Correction ****

TITLE: Medical adhesives

DATE-ISSUED: January 5, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamanaka; Akihito	Ibaraki			JP
Otsuka; Saburo	Ibaraki			JP

Hosaka; Yoshifumi

Ibaraki

JP

US-CL-CURRENT: 424/448; 424/449

ABSTRACT:

A medical adhesive comprising a plaster layer containing the following ingredients, characterized in that the ingredient 2 is incorporated in a larger amount than the ingredient 5 and in an amount not less than 25% by weight relative to the total amount of the ingredients 1.about.5, and the plaster layer is a W/O type:

1 a medicinal ingredient,

2 a hydrophobic polymer having a glass transition temperature (Tg) of -65.degree. C. to 35.degree. C.

3 a percutaneous absorption-promoting agent,

4 water, and

5 a hydrophilic polymer which is soluble or capable of swelling in water; and

a medical adhesive which comprises a porous base layer in the plaster layer or in contact with the plaster layer, which enable stable release of the medicinal ingredient, the percutaneous absorption-promoting agents and so on and sustaining of the pharmacological effects over a long period.

14 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Drawings
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☐ 15. Document ID: JP 11001441 A

L6: Entry 15 of 16

File: JPAB

Jan 6, 1999

PUB-NO: JP411001441A

DOCUMENT-IDENTIFIER: JP 11001441 A

TITLE: BASE FOR PERCUTANEOUS ABSORPTION AND PERCUTANEOUSLY ABSORBABLE PREPARATION
CONTAINING THE SAME

PUBN-DATE: January 6, 1999

INVENTOR-INFORMATION:

NAME

COUNTRY

HIRANO, MUNEHICO

MAKI, MASAYOSHI

INT-CL (IPC): A61 K 47/10; A61 K 47/10; A61 K 9/70; A61 K 31/565; A61 K 31/57

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain the subject base good in the solubility, stability

and skin infiltrativity of the medicinal ingredient, low in skin irritancy, and stable in physical properties, by including a styrene-isoprene-styrene block copolymer, hexylene glycol, etc.

SOLUTION: This base for percutaneous absorption contains (A) 10-30 wt.% of a styrene-isoprene-styrene block copolymer, (B) 10-60 wt.% of a softening agent such as liquid paraffin, (C) 20-60 wt.% of a tackifying resin such as alicyclic saturated hydrocarbon resin, and (D) 1-10 wt.% of hexylene glycol. The medicinal ingredient for this base is an estrogen such as estradiol or progesterone such as norethisterone acetate at a level of 0.1-10 wt.%, being used as a cataplasm for virtually anhydrous plasters.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMIC	Draw De
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☐ 16. Document ID: JP 07330609 A

L6: Entry 16 of 16

File: JPAB

Dec 19, 1995

PUB-NO: JP407330609A

DOCUMENT-IDENTIFIER: JP 07330609 A

TITLE: STYRENE-ISOPRENE-STYRENE COPOLYMER-BASED TRANSDERMAL MATRIX SYSTEM FOR ADMINISTERING ESTROGEN AND/OR PROGESTOGEN

PUBN-DATE: December 19, 1995

INVENTOR-INFORMATION:

NAME

COUNTRY

MIKLER, CLAUDE

LIORZOU, LAURENT

DHUIQUE-MAYER, DANIEL

INT-CL (IPC): A61 K 31/565; A61 K 9/70; A61 K 9/70; A61 K 9/70; A61 K 9/70; A61 K 31/57; A61 K 47/16; A61 K 47/22; A61 K 47/32; A61 K 47/34

ABSTRACT:

PURPOSE: To obtain a transdermal matrix system capable of obtaining larger dosage by using smaller amount of an estrogen and/or a progestogen.

CONSTITUTION: This adhesive transdermal matrix system is composed of (A) 20-40 pts.wt. of a poly(styrene-isoprene-styrene)triblock copolymer whose styrene content is preferably 17-47 wt.%, (B) 35-55 pts.wt. of a tackifying resin, preferably a hydrocarbon resin, (C) 5-25 pts.wt. of a plasticizer selected from the group consisting of oleyl alcohol, peglicol 5-oleate, propylene glycol laurate and a polypropoxyl ether of cetyl alcohol, (D) 5-15 pts.wt. of a skin infiltration stimulator selected from the group consisting of crootamiton and an N- substituted 2-pyrrolidone of the formula (R is a 1-15C alkyl, cyclohexyl or 2- hydroxyethyl), (E) 0.01-1 pt.wt. of a stabilizing agent and (F) 0.1-5 pts.wt. of an estrogen (e.g. 17- β -estradiol) and/or a progestogen (e.g. norethisterone acetate).

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Alt. Citations	Claims	KWMC	Draw. De
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Term	Documents
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(L5 AND L3).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	16

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